

MINING APPLICATION
NO. _____
Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN
(Other forms may be used in lieu of MR 2, provided
they contain the same information)

1. Name of Applicant or Company Clark Mining Inc.
2. Proposed type of operation Underground Mining
3. (a) Prior Land Use(s) Grazing, Mining
(b) Current Land Use(s) Grazing, Mining
(c) Possible or Prospective Future Land Use(s) Grazing, Mining
4. What vegetation exists on the land proposed to be affected Sage Brush,
Cedar Trees, Pinon Juniper
(a) Types and Estimated Percent cover or density: Sparse Vegetation
20% Land Cover
5. What is the pH range of soil before mining? _____ pH
Name of Person or Agency and method of determining pH _____
6. Site elevation above sea level 6400 ft.
7. In case of coal, oil shale, and bituminous sandstone: MAY 5 1980
Principal seam(s) and thickness(es) _____
DIVISION OF
OIL, GAS & MINING
8. Estimated duration of mining operations Indefinite
9. Has overburden, waste or rejected materials been classified as acid or
alkali producing? () Yes (X) No
Does the above material being moved have any other characteristics
affecting revegetation? No
10. Will any underground workings or aquifers be encountered? () Yes (X) No
Describe _____
Is there an active discharge of water from abandoned deep mines on or
crossing the land affected? () Yes (X) No If yes, describe
the quality of water being discharged. _____

11. Describe specifically a detailed procedure for:
- (a) The mining sequence
 - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
 - (c) The procedure for site preparation including removing trees and brush.
 - (d) The method for removing and stockpiling topsoil or disturbed materials.
 - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
 - (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material.
- (c) What type of soil treatment will be utilized.
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope.

TESTING

1. Describe method for testing stability of reclamation fill material.

Describe method for the testing of soil that is intended to support vegetation

2. Describe any soil treatment employed as an aid to revegetation

3. Describe surface preparation of areas intended to support vegetation:

REVEGETATION

1. Revegetation to be completed by:

(X) Operator	() Hydroseeding
() Soil Conservation District	() Aerial Seeding
() Private Contractor	() Conventional or Rangeland Drilling
() Other (specify) _____	() Broadcast and Drag
	() Other _____

- Sec. 11 (a) The ore to be mined calls for a portal and tunnel of a slight grade to be constructed into the side of a canyon wall from approximately the floor of the canyon itself. From drill contacts, it is expected that the ore will be encountered within 100 ft. of the portal entrance. Underground drifting and stoping procedures customary with established and accepted mining methods will be employed.
- 11 (b) Access roads already in existence reach to within $\frac{1}{2}$ mile of the proposed portal location. A road can be constructed with minimal damage to existing vegetation and natural ground contours with a small bull-dozer. The proposed road will follow a dry stream bed to the mining site.
- 11 (c) The pad for the mine site lies above the dry stream bed itself and is fairly flat so no contour changes are called for. The vegetation consists of some pinyon trees and sage brush, which will have to be removed with a bull-dozer. The area to be cleared will be approximately $1\frac{1}{2}$ acres.
- 11 (d) The waste material which comes from the mine will be deposited in one pile on the edge of the constructed pad and saved for the purpose of enclosing the tunnel entrance upon completion of mining operations. This material is not expected in great quantity as the ore contact lies within 100ft. of the entrance. The remaining cleared area will be used for an ore pad and the ore eventually removed from the area. The waste material remaining will be used for any necessary recontouring and filling. As the pad area is flat, no major disruptions of the ground will be done other than the initial clearing so very little top soil will be disturbed.
- 11 (e) No acid-alkali producing or toxic materials are expected to be encountered. The waste material from the mine will be used for any necessary recontouring and filling and portal closing.
- 11 (f) Any waste material remaining will be blended in with and contoured to the natural land slopes.

2. Will Mulch be used? () Yes (X) No

Type: _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted

4. Will affected area be subject to livestock or wildlife grazing?

(X) Yes () No Will vegetation protection be needed? No

5. Will irrigation be used: () Yes (X) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

STATE OF Utah

COUNTY OF Grand

I, James A. Clark, having been duly sworn
depose and attest that all of the representations contained in the foregoing
application are true to the best of my knowledge; that I am authorized to
complete and file this application on behalf of the Applicant and this
application has been executed as required by law.

Signed: James A. Clark

Taken, subscribed and sworn to before me the undersigned authority
in my said county, this 1 day of May, 1980.

Notary Public: A. L. Waughete

My Commission Expires: 6/2/81

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

"Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES _____ (Initial)

NO Jae (Initial)

Sections desired to be maintained as confidential information -

_____	_____	_____
_____	_____	_____
_____	_____	_____